

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
 Data File : BF122879.D
 Acq On : 30 Dec 2020 15:25
 Operator : JU/CG
 Sample : L5242-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1(494+26)

Manual Integrations
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mohammad
 12/31/2020 10:45:03 AM

Quant Time: Dec 30 15:50:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	118348	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	443626	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	222911	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	381058	20.00	ng	0.00
76) Chrysene-d12	13.992	240	323346	20.00	ng	0.00
86) Perylene-d12	15.457	264	376232	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	554205	74.14	ng	0.00
7) Phenol-d6	6.457	99	659800	66.55	ng	0.00
23) Nitrobenzene-d5	7.381	82	420492	47.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	208873	71.59	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	841134	51.04	ng	0.00
79) Terphenyl-d14	12.933	244	858466	46.47	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.716	152	114135	5.04	ng	97
50) Dimethylphthalate	9.575	163	60323	3.39	ng	99
71) Phenanthrene	11.369	178	290887	12.84	ng	98
72) Anthracene	11.421	178	249446	11.11	ng	98
73) Carbazole	11.580	167	230172	11.30	ng	98
75) Fluoranthene	12.568	202	1888916	79.54	ng	99
78) Pyrene	12.798	202	1623534	64.94	ng	100
80) Butylbenzylphthalate	13.404	149	69479	6.17	ng	97
81) Benzo(a)anthracene	13.986	228	617575	28.58	ng	94
83) Chrysene	14.021	228	1254648	58.34	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	405818	16.43	ng	95
88) Benzo(b)fluoranthene	15.045	252	1497229m	56.72	ng	
89) Benzo(k)fluoranthene	15.062	252	452818m	18.76	ng	
90) Benzo(a)pyrene	15.398	252	343150	14.86	ng	95
91) Dibenzo(a,h)anthracene	16.921	278	93798m	4.64	ng	
92) Benzo(g,h,i)perylene	17.362	276	348070	17.79	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

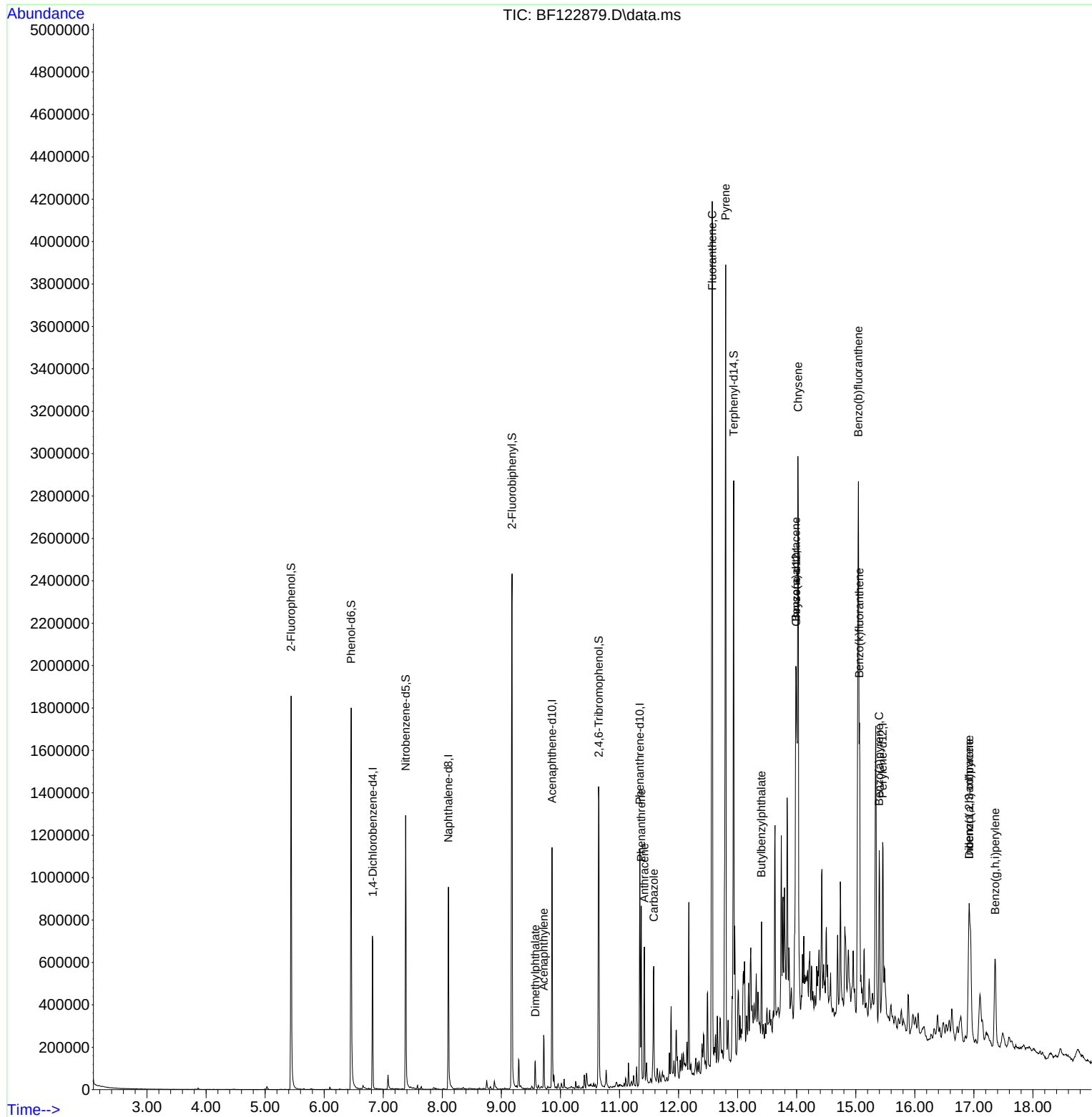
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122879.D
Acq On : 30 Dec 2020 15:25
Operator : JU/CG
Sample : L5242-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

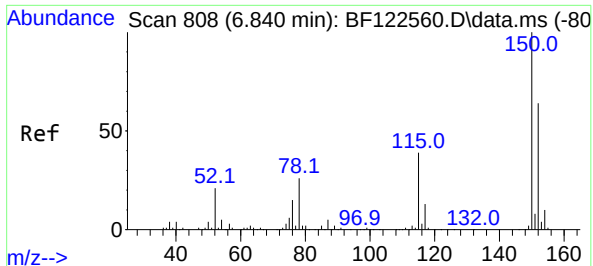
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)

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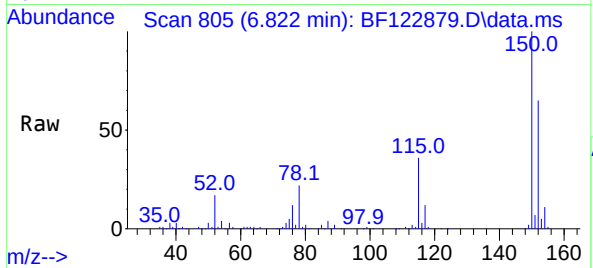
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Quant Time: Dec 30 15:50:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

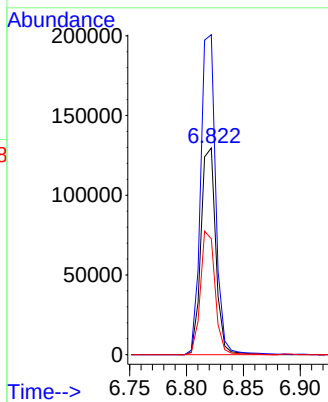
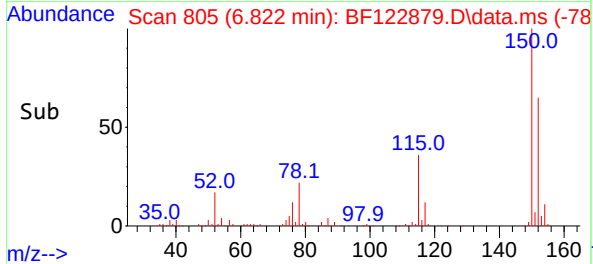




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25



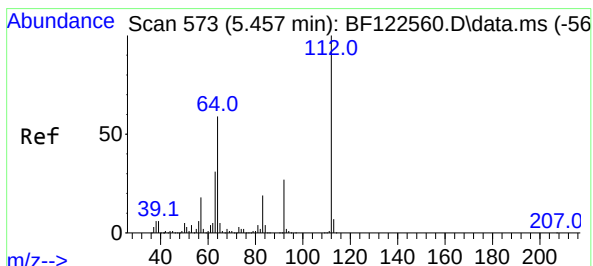
Tgt Ion:152 Resp: 118348
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 56.1 49.3 73.9



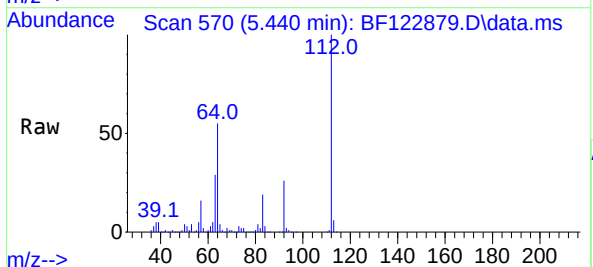
Instrument :
BNA_F
ClientSampleId :
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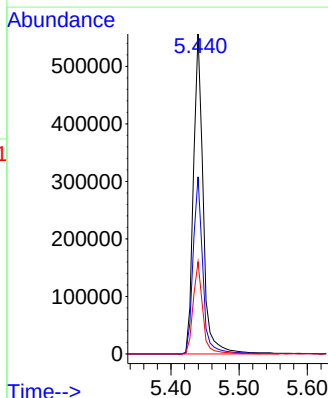
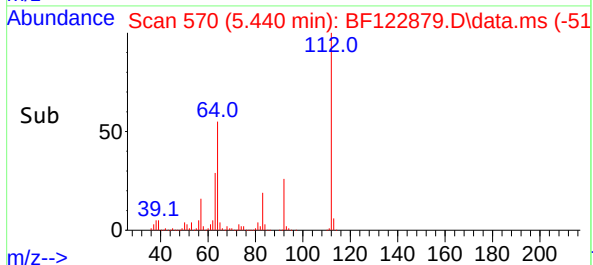
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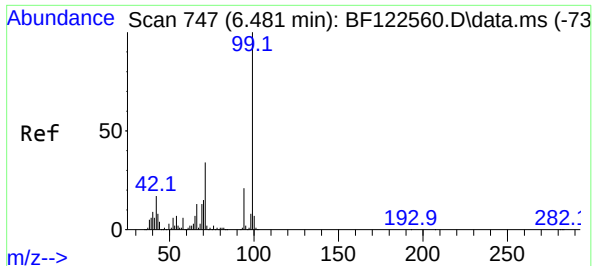


#5
2-Fluorophenol
Concen: 74.14 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25



Tgt Ion:112 Resp: 554205
Ion Ratio Lower Upper
112 100
64 55.4 46.9 70.3
63 28.8 24.5 36.7





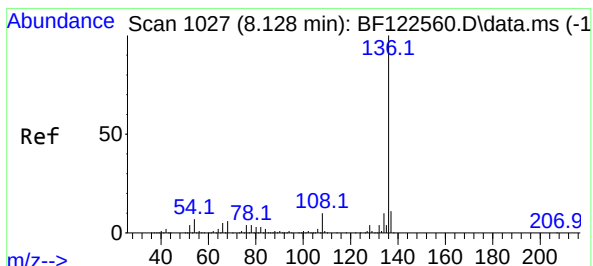
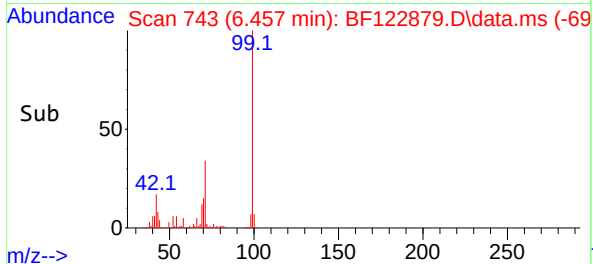
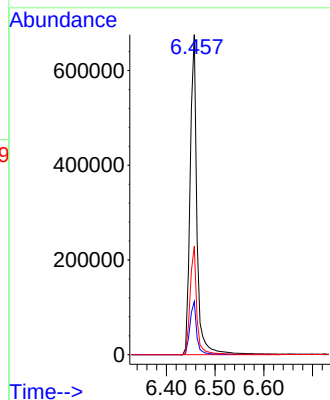
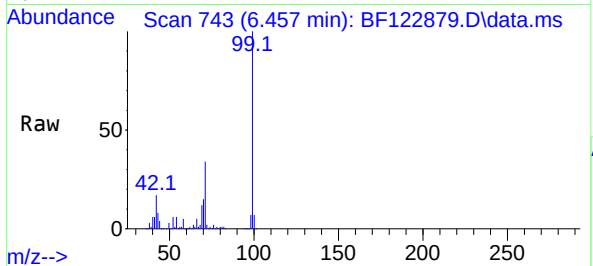
#7
Phenol-d6
Concen: 66.55 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion:	99	Resp:	659800
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.8	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)

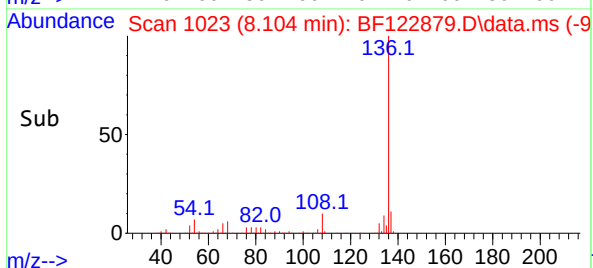
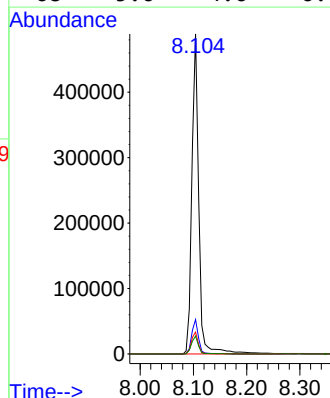
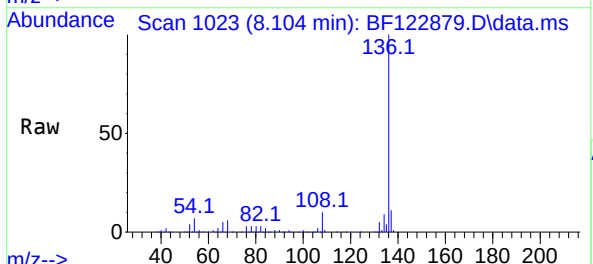
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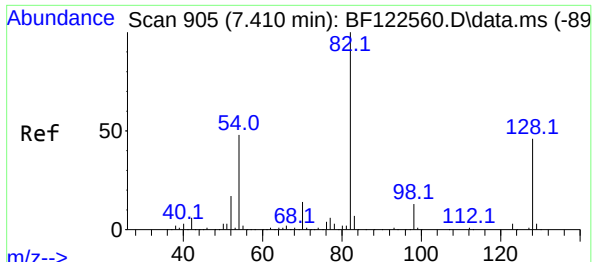
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion:	136	Resp:	443626
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.5	8.3
68	5.6	4.6	6.8





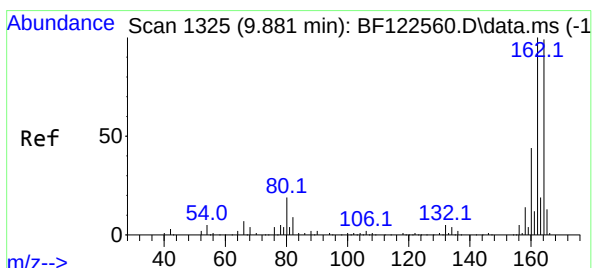
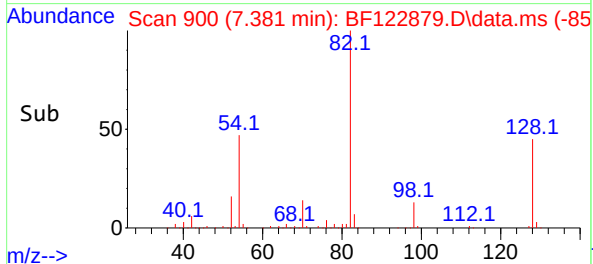
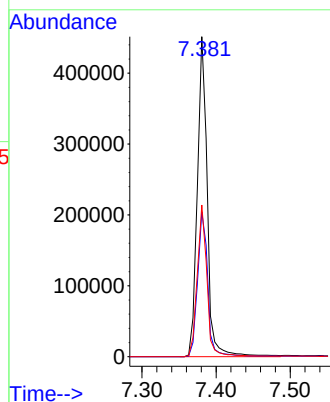
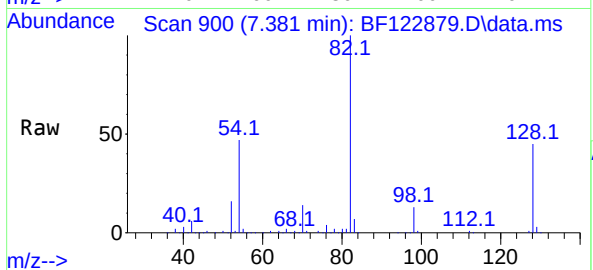
#23
Nitrobenzene-d5
Concen: 47.49 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion:	82	Resp:	420492
Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.4
54	47.4	38.4	57.6

Instrument :
BNA_F
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SAMPLE-1(494+26)

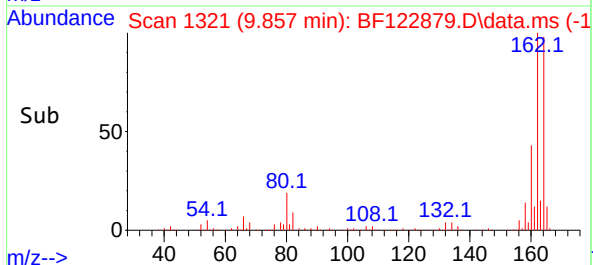
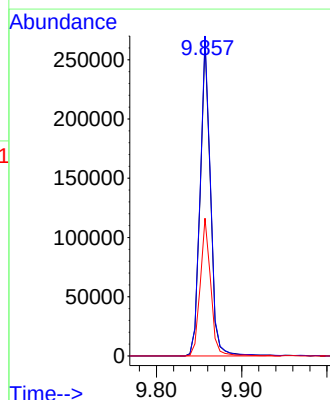
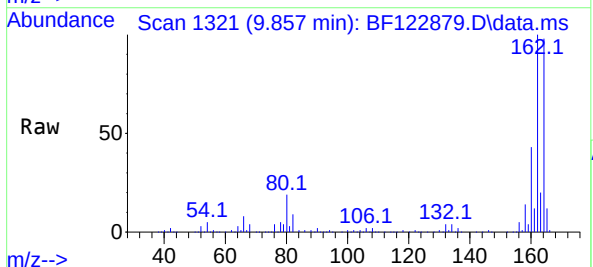
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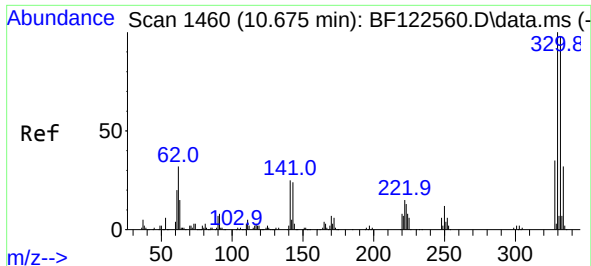
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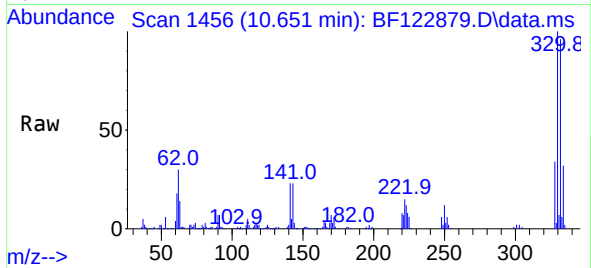
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion:	164	Resp:	222911
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.8	121.2
160	43.8	35.4	53.0

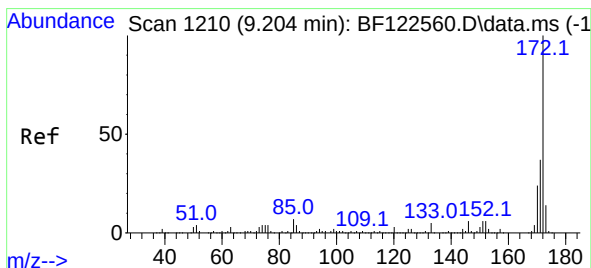
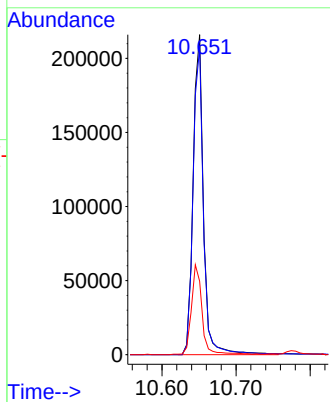
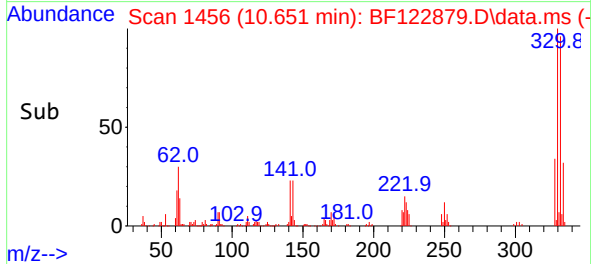




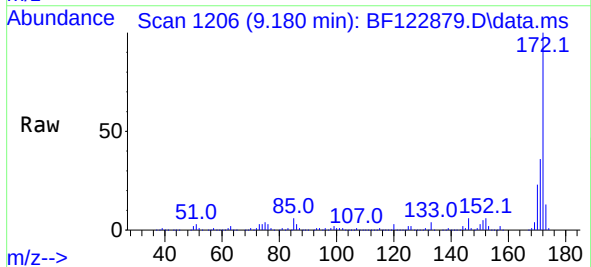
#42
2,4,6-Tribromophenol
Concen: 71.59 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25



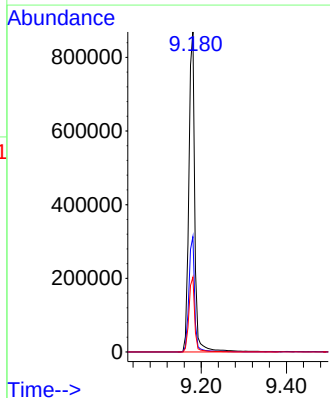
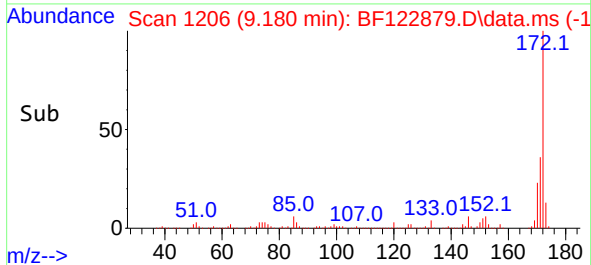
Tgt Ion: 330 Resp: 208873
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 29.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 51.04 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25



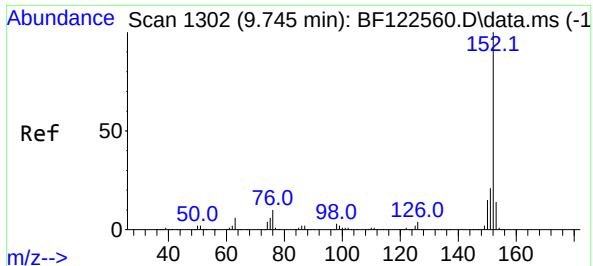
Tgt Ion: 172 Resp: 841134
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.4 19.5 29.3



Instrument :
BNA_F
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Manual Integrations
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#49

Acenaphthylene

Concen: 5.04 ng

RT: 9.716 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF122879.D

Acq: 30 Dec 2020 15:25

Tgt Ion:	152	Resp:	114135
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.6	25.0
153	12.3	10.9	16.3

Instrument :

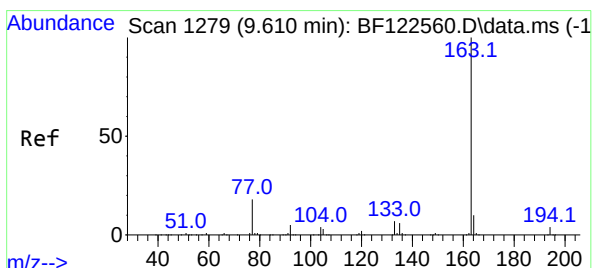
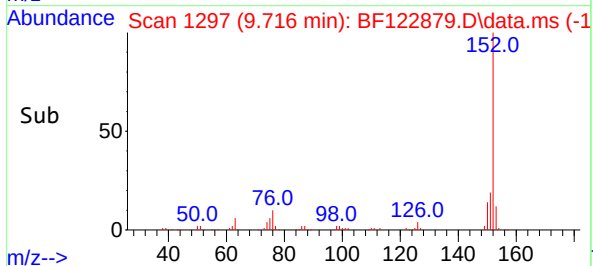
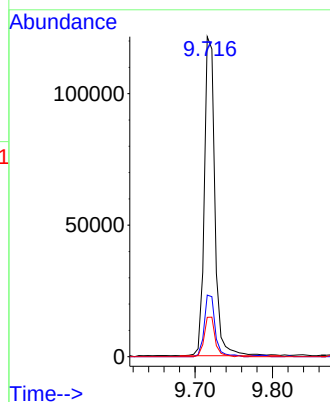
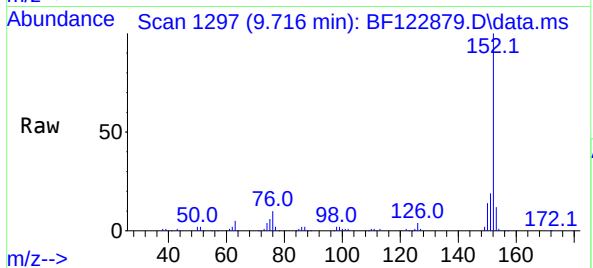
BNA_F

ClientSampleId :

SAMPLE-1(494+26)

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#50

Dimethylphthalate

Concen: 3.39 ng

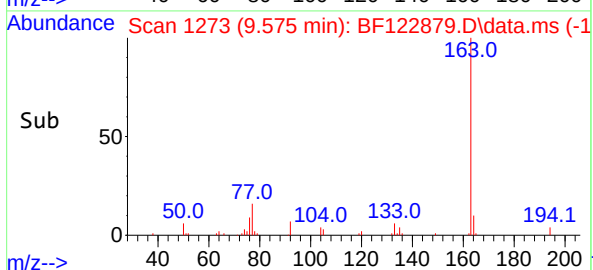
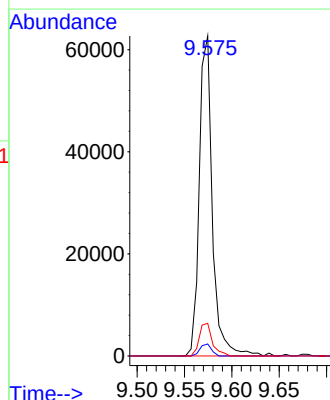
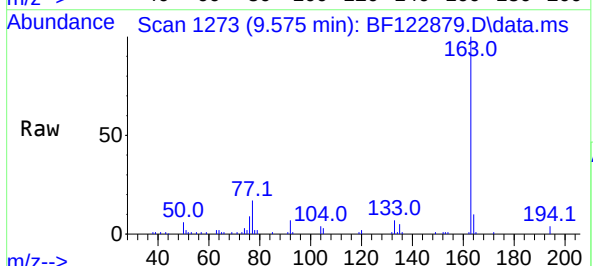
RT: 9.575 min Scan# 1273

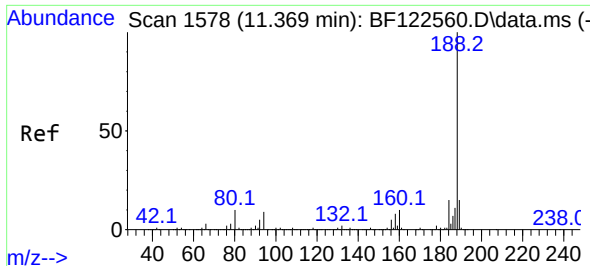
Delta R.T. -0.012 min

Lab File: BF122879.D

Acq: 30 Dec 2020 15:25

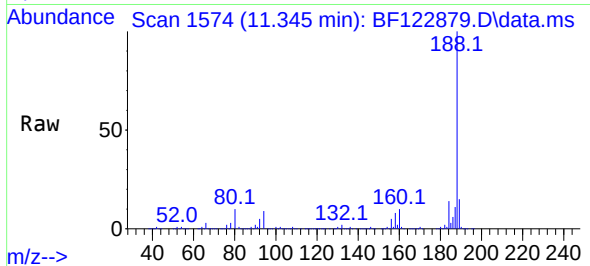
Tgt Ion:	163	Resp:	60323
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.2	8.1	12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

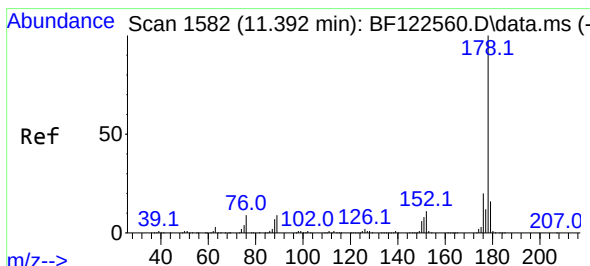
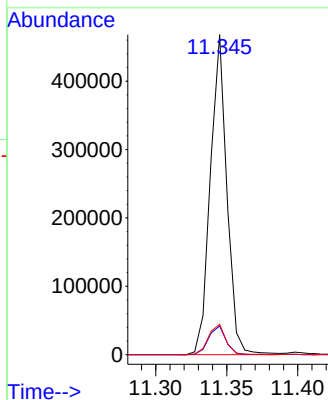
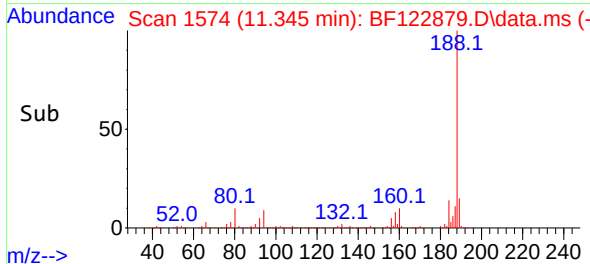
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SAMPLE-1(494+26)



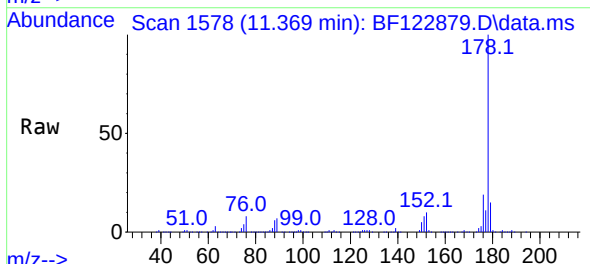
Tgt Ion:188 Resp: 381058
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 8.2 12.4

Manual Integrations
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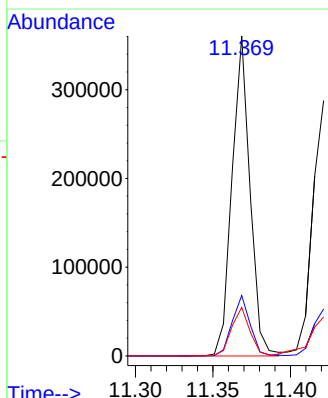
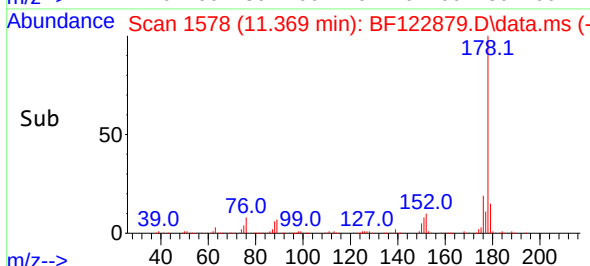
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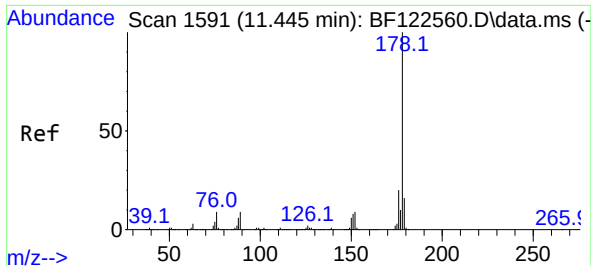


#71
Phenanthrene
Concen: 12.84 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25



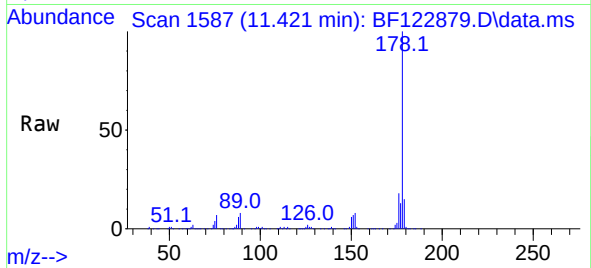
Tgt Ion:178 Resp: 290887
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.2
179 15.2 12.7 19.1





#72
 Anthracene
 Concen: 11.11 ng
 RT: 11.421 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BF122879.D
 Acq: 30 Dec 2020 15:25

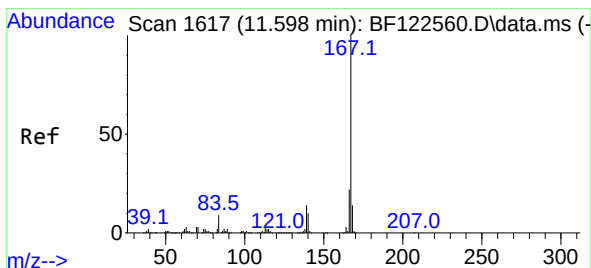
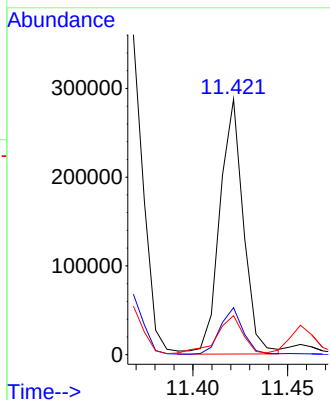
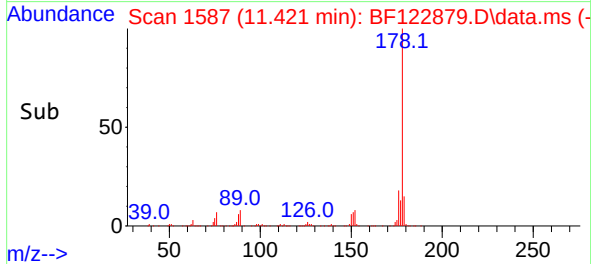
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1(494+26)



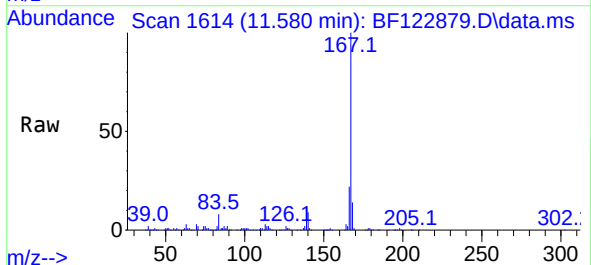
Tgt Ion:178 Resp: 249446
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.6 23.4
 179 15.3 12.8 19.2

Manual Integrations
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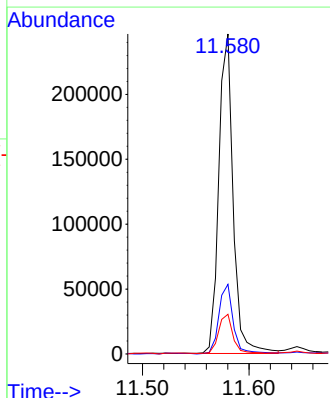
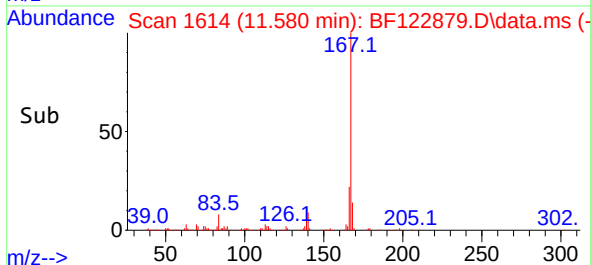
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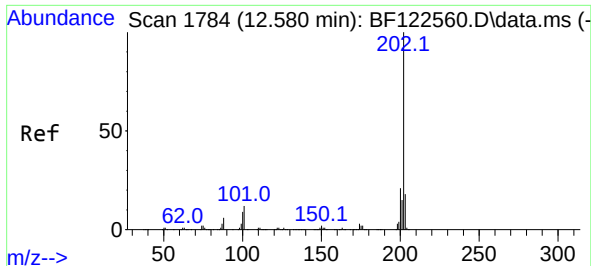


#73
 Carbazole
 Concen: 11.30 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. 0.006 min
 Lab File: BF122879.D
 Acq: 30 Dec 2020 15:25



Tgt Ion:167 Resp: 230172
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 12.4 10.9 16.3





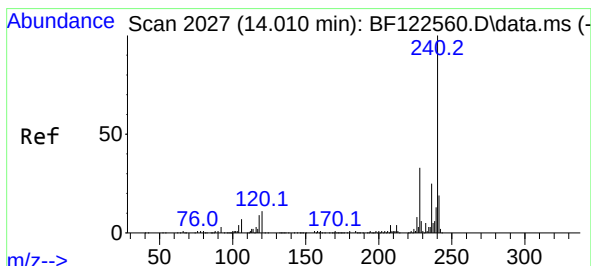
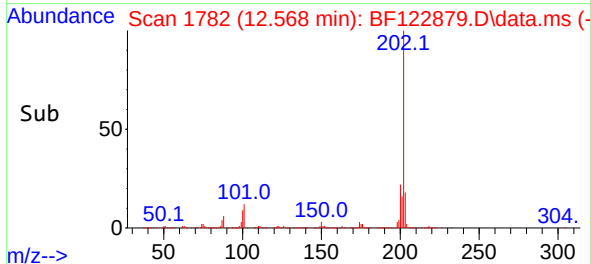
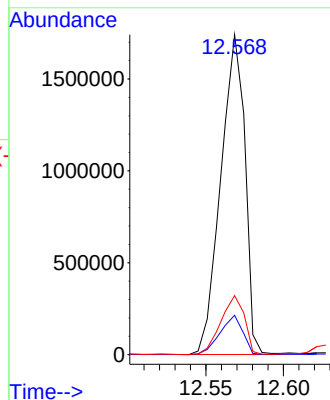
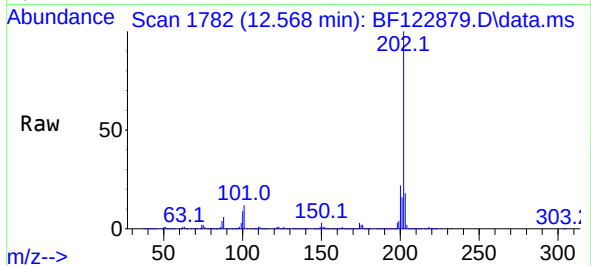
#75
Fluoranthene
Concen: 79.54 ng
RT: 12.568 min Scan# 1782
Delta R.T. 0.012 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion:202 Resp: 1888916
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.2
203 18.5 0.0 38.1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)

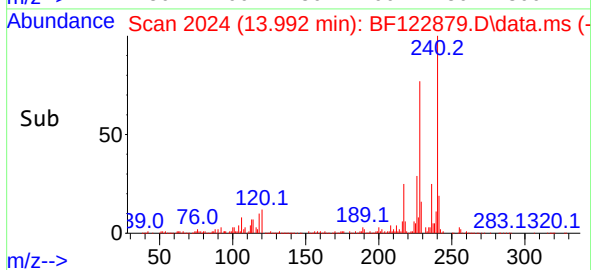
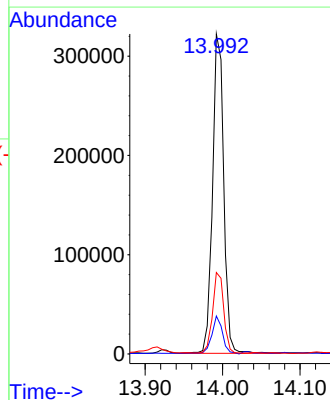
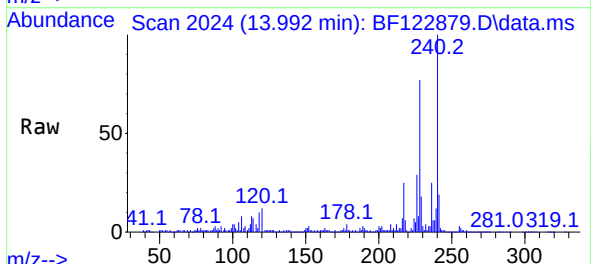
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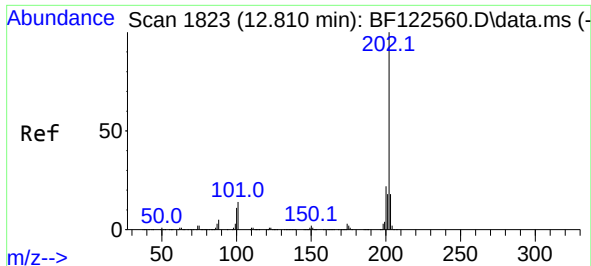
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion:240 Resp: 323346
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.4 20.3 30.5





#78
Pyrene
Concen: 64.94 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.012 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

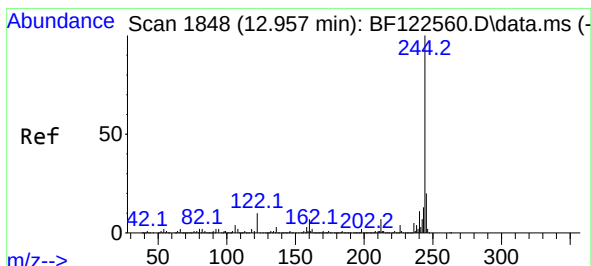
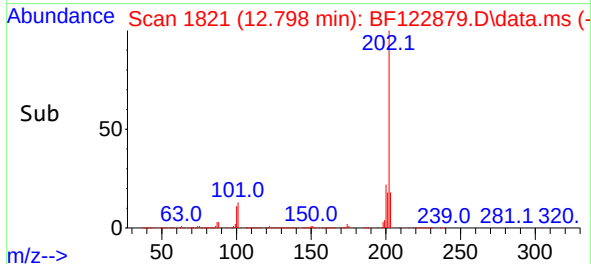
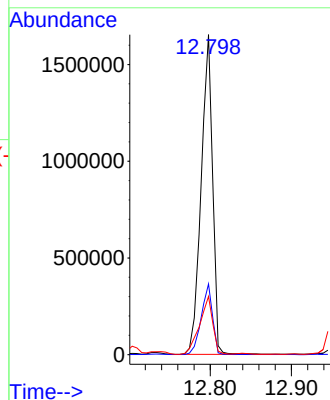
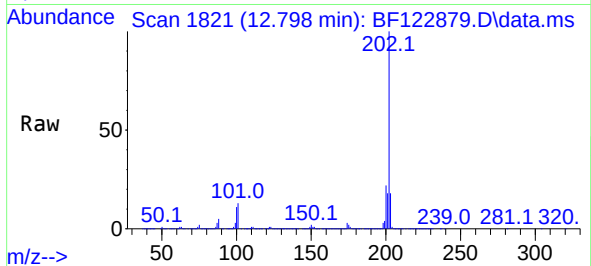
Tgt Ion:202 Resp: 1623534

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.2	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)

Manual Integrations
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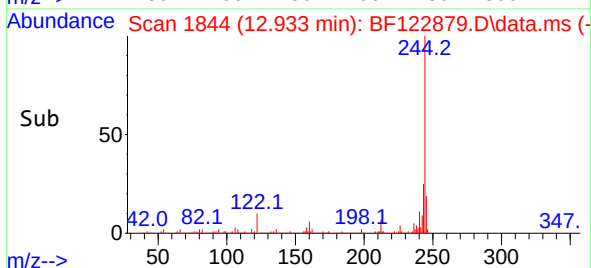
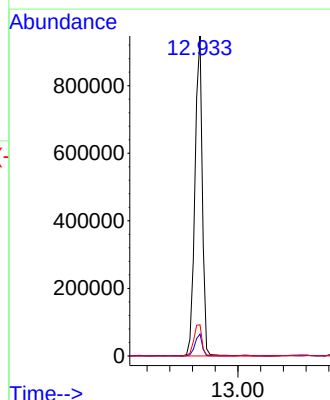
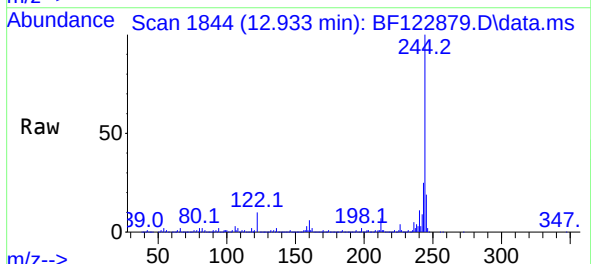
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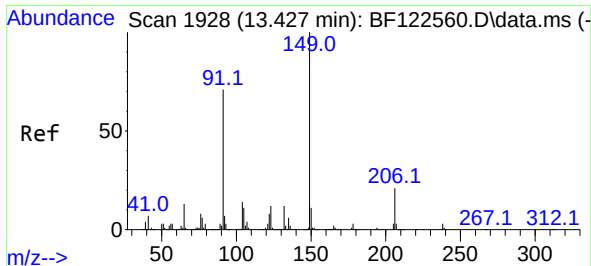


#79
Terphenyl-d14
Concen: 46.47 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion:244 Resp: 858466

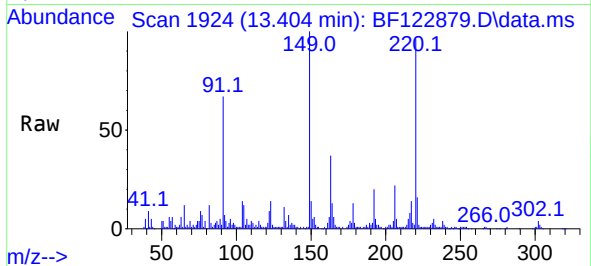
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.8	8.3	12.5





#80
Butylbenzylphthalate
Concen: 6.17 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

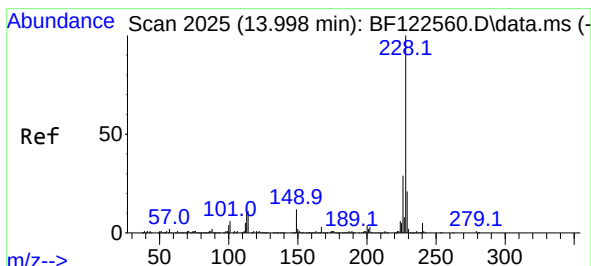
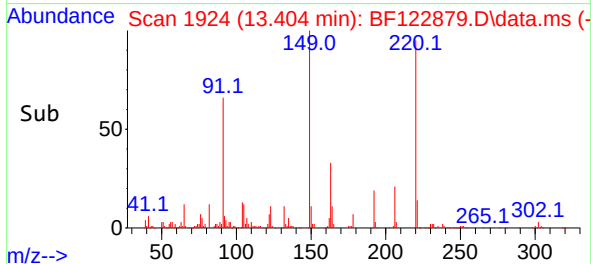
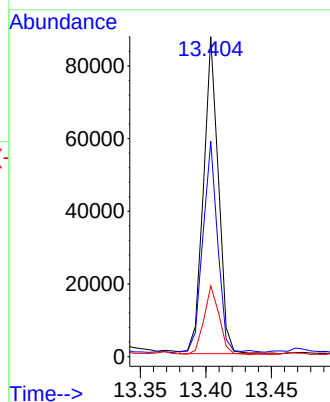
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)



Tgt Ion:149 Resp: 69479
Ion Ratio Lower Upper
149 100
91 67.3 56.5 84.7
206 22.1 17.0 25.6

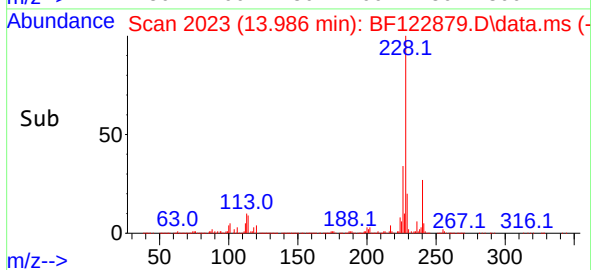
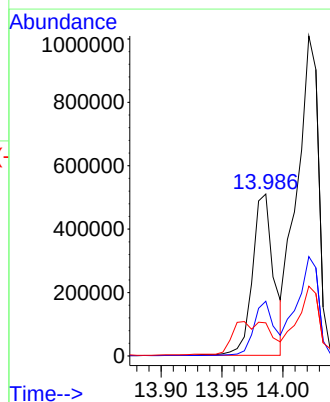
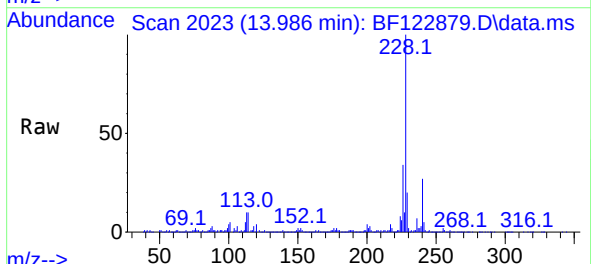
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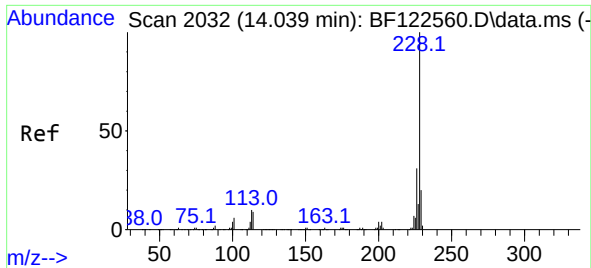
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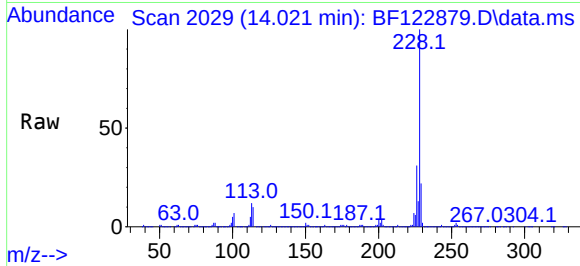
#81
Benzo(a)anthracene
Concen: 28.58 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion:228 Resp: 617575
Ion Ratio Lower Upper
228 100
226 33.8 23.0 34.4
229 20.4 16.6 24.8

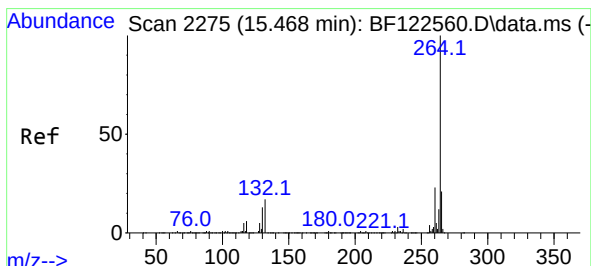
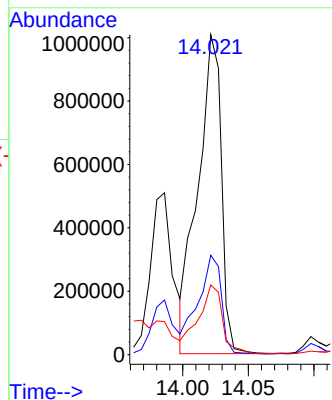
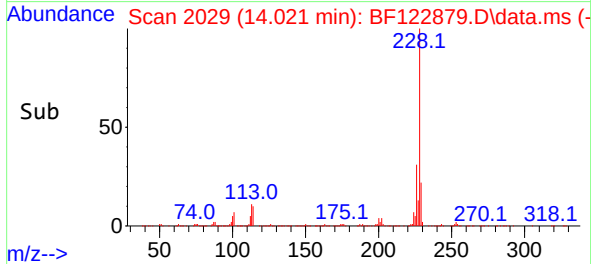




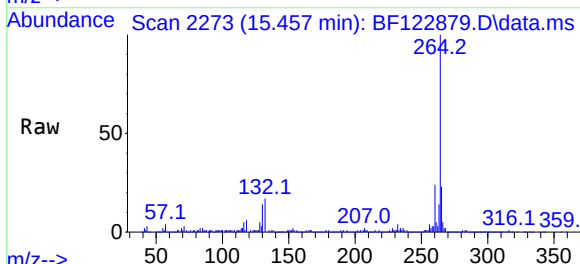
#83
Chrysene
Concen: 58.34 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25



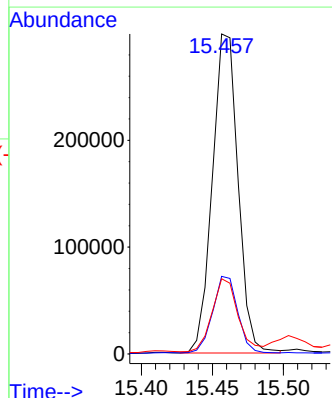
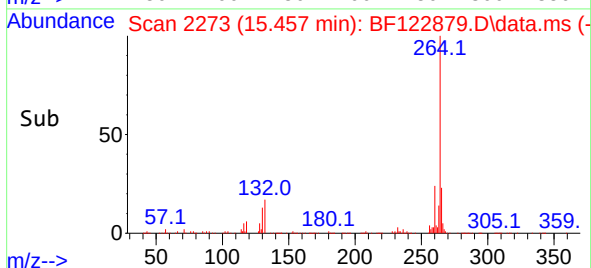
Tgt Ion:228 Resp: 1254648
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 21.8 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.017 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25



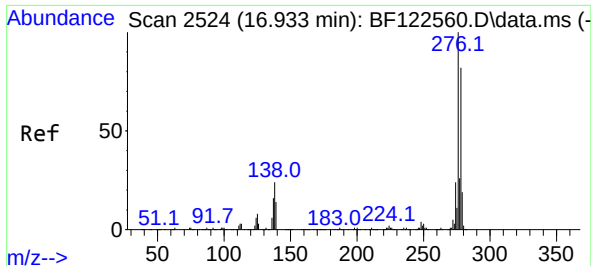
Tgt Ion:264 Resp: 376232
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 23.5 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)

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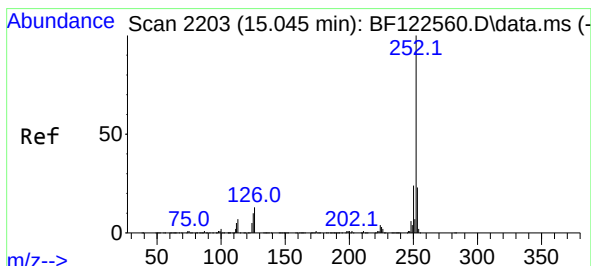
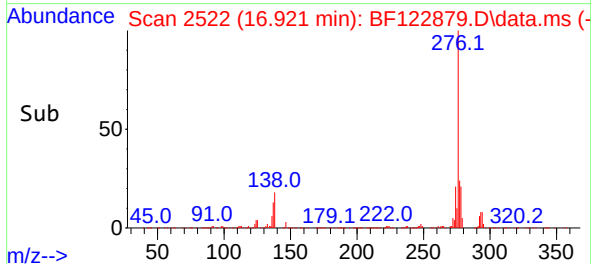
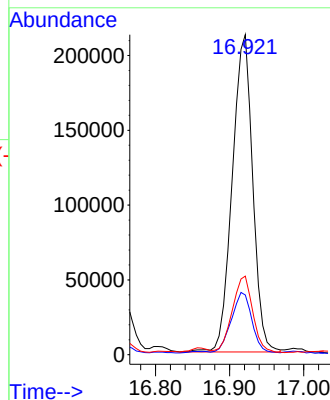
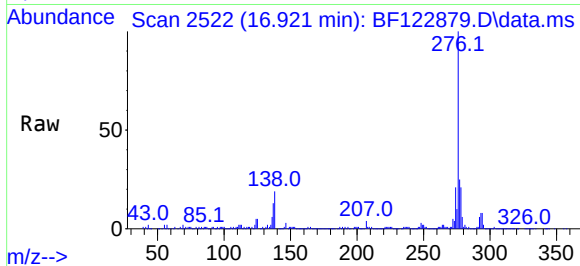
#87
Indeno(1,2,3-cd)pyrene
Concen: 16.43 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.029 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion: 276 Resp: 405818
Ion Ratio Lower Upper
276 100
138 19.1 18.7 28.1
277 24.2 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)

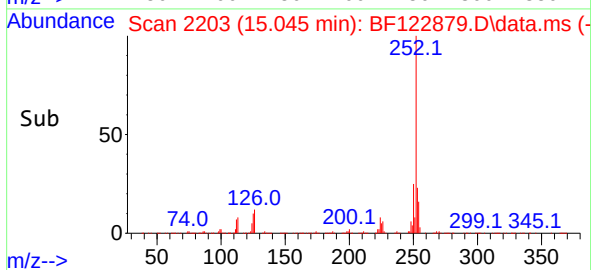
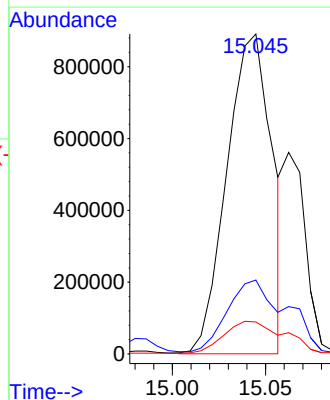
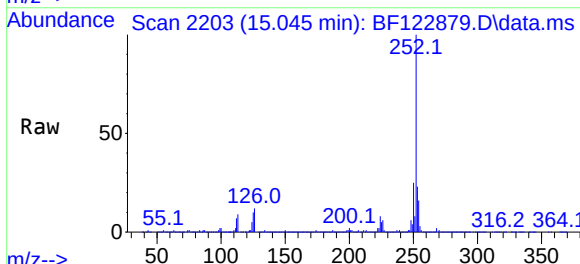
Manual Integrations
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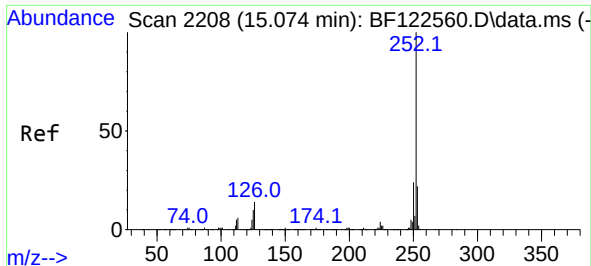
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#88
Benzo(b)fluoranthene
Concen: 56.72 ng m
RT: 15.045 min Scan# 2203
Delta R.T. 0.023 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

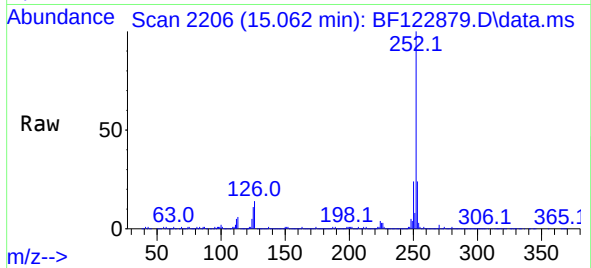
Tgt Ion: 252 Resp: 1497229
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 10.0 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 18.76 ng m
RT: 15.062 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

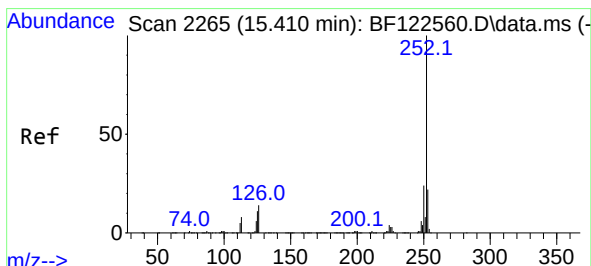
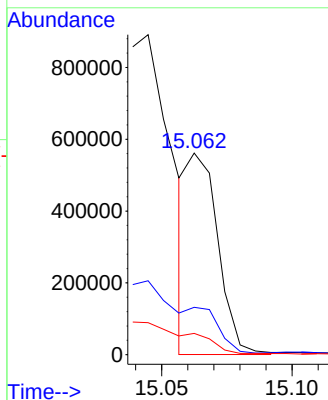
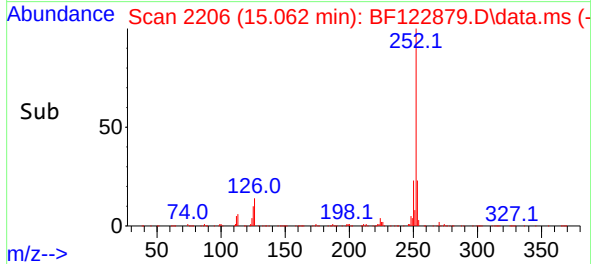
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)



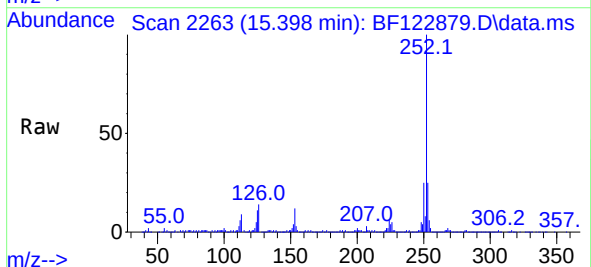
Tgt Ion:252 Resp: 452818
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 10.6 8.4 12.6

Manual Integrations
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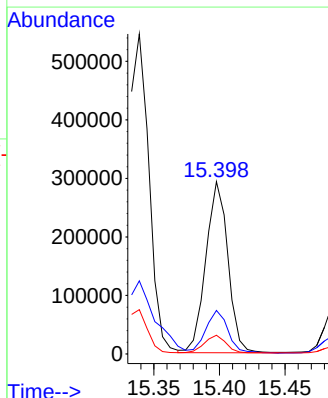
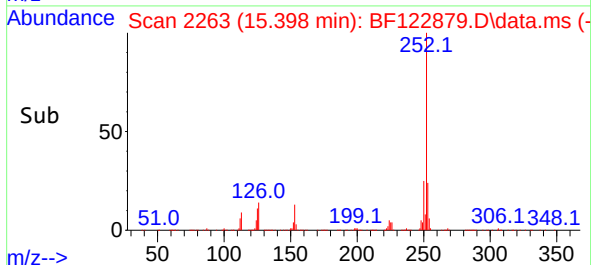
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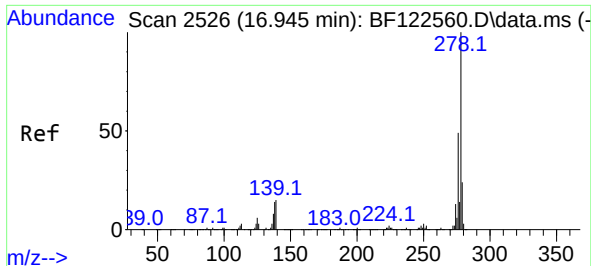


#90
Benzo(a)pyrene
Concen: 14.86 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.017 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25



Tgt Ion:252 Resp: 343150
Ion Ratio Lower Upper
252 100
253 25.3 17.5 26.3
125 10.9 8.6 12.8





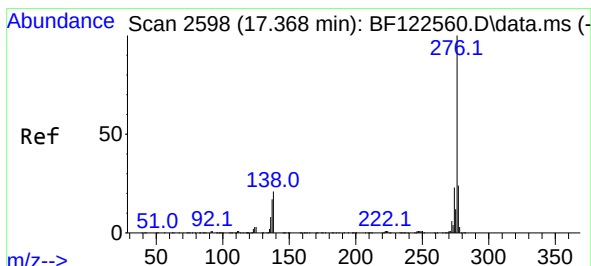
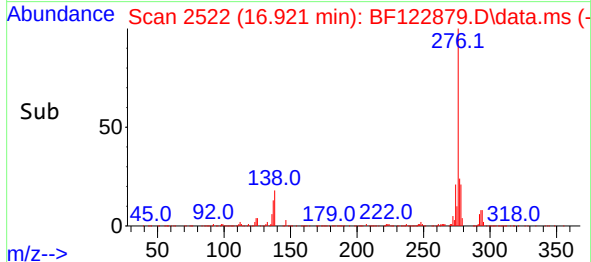
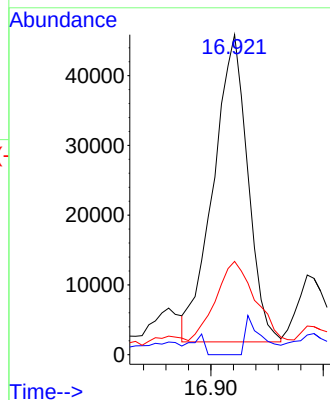
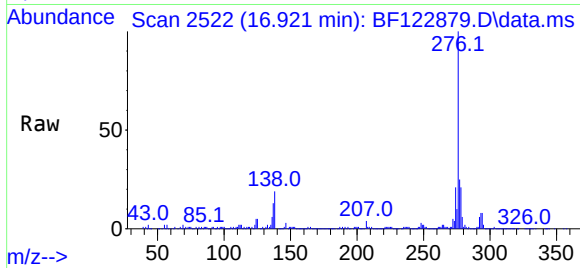
#91
Dibenzo(a,h)anthracene
Concen: 4.64 ng m
RT: 16.921 min Scan# 2522
Delta R.T. 0.017 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion: 278 Resp: 93798
Ion Ratio Lower Upper
278 100
139 0.0 12.0 18.0#
279 29.2 19.4 29.2#

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1(494+26)

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 17.79 ng
RT: 17.362 min Scan# 2597
Delta R.T. 0.035 min
Lab File: BF122879.D
Acq: 30 Dec 2020 15:25

Tgt Ion: 276 Resp: 348070
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 19.4 16.6 24.8

